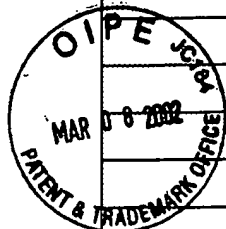


Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket N . 10559-604001	Application No. 10/057,193
	Applicant William R. Wheeler et al.		
	Filing Date January 25, 2002	Group Art Unit 2123	

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
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	AH						
	AI						
	AJ						
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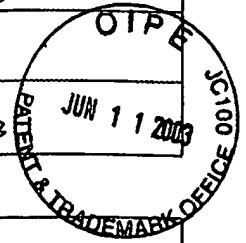
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	AL							
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
10	AQ	Renoir, HDL Design Datasheet, Mentor Graphics, I-8, 1999 4 pages
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 9/14/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. ✓ 10559-604001 ✓	Application No. ✓ 10/057,193 ✓
	Applicant William R. Wheeler et al. ✓		
	Filing Date January 25, 2002 ✓	Group Art Unit 2122 / 2123	



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✓	AA	2002/0049957	04/2002	Hosono et al.			
	AB	6,233,723	05/2001	Pribetich			
	AC	5,828,581	10/1998	Matumura			
	AD	2001/0018758	08/2001	Tanaka et al.			
	AE	5,666,289	09/1997	Watkins			
	AF	6,066,179	05/2000	Allan			
	AG	5,892,678	04/1999	Tokunoh et al.			
	AH	6,120,549	09/2000	Goslin et al.			
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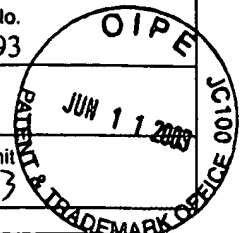
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant William R. Wheeler et al.	
		Filing Date January 25, 2002	Group Art Unit 2122, 2123



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	ADD	6,378,115	04/2002	Sakurai			
	AEE	6,272,671	08/2001	Fakhry			
	AFF	6,260,179	07/2001	Ohsawa et al.			
	AGG	6,117,183	09/2000	Teranishi et al.			
	AHH	5,889,677	03/1999	Yasuda et al.			
	API	6,298,468	10/2001	Zhen			
	AJJ	6,477,689	11/2002	Mandell et al.			
	AKK	6,480,985	11/2002	Reynolds et al.			
	ALL	6,519,755	02/2003	Anderson			
	AMM	6,152,612	11/2000	Liao et al.			
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	AOO	6,053,947	04/2000	Parson			
	APP	6,135,647	10/2000	Balakrishnan et al.			
	AQQ	2003/0016246	01/2003	Singh			
	ARR	2003/0016206	01/2003	Taitel			
	ASS	6,233,540	05/2001	Schaumont et al.			
	ATT	6,487,698	11/2002	Andreev et al.			
	AUU	6,311,309	10/30/2001	Southgate			
	AVV	2002/0166100	11-2002	Meding			
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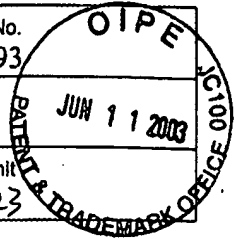
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant William R. Wheeler et al.	
		Filing Date January 25, 2002	Group Art Unit 2122-2123



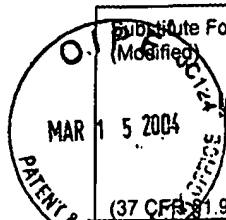
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	ADDD							
	ABEE							
	AFFF							

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Examiner Initial	Desig. ID	Document
	AGGG	Foley et al., "An Object Based Graphical User Interface for Power Systems", IEEE Transactions on Power Systems, Vol. 8, No. 1, February 1993, pp. 97-104.
	AHHH	Pedram et al., "Floorplanning with Pin assignment", 1990 IEEE International Conference on Computer-Aided Design, 11 November 1990, pp. 98-101.
	AIII	Renoir, HDL Design Datasheet, Mentor Graphics, 1-8, 1999.
	AJJJ	Mentor Graphics Corporation, Renoir™ With HDL2Graphics™, pp. 1-6, 1998, Oregon.
	AKKK	Mentor Graphics Corporation, Renoir HDL Design Datasheet, pp. 1-2, 1999, Oregon.
	ALLL	Computer Design, "AFTER HARD KNOCKS, CYCLE-BASED SIMULATORS STAND THEIR GROUND". <a href="http://www.computer-design.com/Editorial/1996/10/ASIC/after.html">http://www.computer-design.com/Editorial/1996/10/ASIC/after.html</a> , accessed on August 23, 2001, pages 1-5.
	AMMM	
	ANNN	
	AOOO	

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 Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		
	Applicant William R. Wheeler et al.		Group Art Unit 2122 2123
(37 CFR 1.98(b))		Filing Date January 25, 2002	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>W</i>	AA	RE 38,059	04/2003	Yano, et al.			
	AB	4,703,435	10/1987	Darringer, et al.			
	AC	4,970,664	11/1990	Kaiser, et al.			
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	AN	5,568,397	10/1996	Yamashita, et al.			
	AO	5,598,347	01/1997	Iwasaki			
	AP	5,603,015	02/1997	Kurosawa, et al.			
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	AS	5,673,198	09/1997	Lawman, et al.			
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	AU	5,694,579	12/1997	Razdan, et al.			
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	AZ	5,809,283	09/1998	Vaidyanathan, et al.			
<i>W</i>	AAA	5,831,869	11/1998	Ellis, et al.			

Examiner Signature *Wheeler* Date Considered *9/16/05*

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Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR 1.212(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
		Applicant William R. Wheeler et al.	
		Filing Date January 25, 2002	Group Art Unit 2122 2123

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	ADD	5,903,469	05/1999	Ho			
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	AFF	5,974,242	10/1999	Damarla, et al.			
	AGG	6,077,304	06/2000	Kasuya			
	AHH	6,161,211	12/2000	Southgate			
	AII	6,178,541	01/2001	Joly, et al.			
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	AKK	6,216,256	04/2001	Inoue, et al.			
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	AOO	6,292,931	09/2001	Dupenloup			
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	AQQ	6,353,806	03/2002	Gehlert			
	ARR	6,353,915	03/2002	Deal, et al.			
	ASS	6,360,356	03/2002	Eng			
	ATT	6,421,816	07/2002	Ishikura			
	AUU	6,438,729	08/2002	Ho			
	AVV	6,438,731	08/2002	Segal			
	AWW	6,440,780	08/2002	Kimura, et al.			
	AXX	6,473,885	10/2002	Wallace			
	AYY	6,477,688	11/2002	Wallace			
	AZZ	6,490,545	12/2002	Peng			
	AAAA	6,505,328	01/2003	Van Ginneken, et al.			
<i>ES</i>	ABBB	6,516,456	02/2003	Garnett, et al.			

Examiner Signature <i>Liba Danon</i>	Date Considered 9/4/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) MAR 15 2004 PATENT & TRADEMARK OFFICE (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant William R. Wheeler et al.	
		Filing Date January 25, 2002	Group Art Unit 2122-2123

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>de</i>	ACCC	6,519,742	02/2003	Falk			
	ADDD	6,523,156	02/2003	Cirit			
	AEEE	6,539,536	03/2003	Singh et al.			
	AFFF	6,546,528	04/2003	Sasaki, et al.			
	AGGG	6,574,787	06/2003	Anderson			
	AHHH	6,591,407	07/2003	Kaufman, et al.			
	AIHH	2002/0038447	03/2002	Kim, et al.			
	AJJJ	2002/0059054	05/2002	Bade, et al.			
	AKKK	2002/0112221	08/2002	Ferreri, et al.			
	ALLL	2002/0138244	09/2002	Meyer			
	AMMM	2003/0004699	01/2003	Choi, et al.			
	ANNN	2003/0036871	02/2003	Fuller, et al.			
<i>de</i>	AOOO	2003/0177455	09/2003	Kaufman, et al.			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
<i>de</i>	APPP	0 404 482	12/1990	EPO			
	AQQQ	0 433 066	06/1991	EPO			
	ARRR	0 720 233	07/1996	EPO			
	ASSS	0 901 088	03/1999	EPO			
	ATTT	1 065 611	01/2001	EPO			
	AUUU	58-060559	04/1983	Japan			
	AVVV	03-225523	10/1991	Japan			
	AWWW	07-049890	02/1995	Japan			
	AXXX	08-314892	11/1996	Japan			
	AYYY	2001-068994	03/2001	Japan			
<i>de</i>	AZZZ	WO 98/37475	08/1998	WIPO			

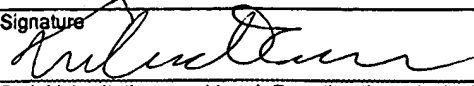
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) MAR 15 2004 PATENT OFFICE (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-604001	Application No. 10/057,193
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant William R. Wheeler et al.		Group Art Unit 2122-2123
Filing Date January 25, 2002			

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LS	AAAAA	WO 98/55879	12/1998	WIPO				
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LS	ACCCC	WO 00/65492	11/2000	WIPO				

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	AFFFF	Lahti, et al., "SADE: a Graphical Toll for VHDL-Based System Analysis", 1991 IEEE International Conference on Computer-Aided Design, November 11, 1991, pp. 262-265.
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	AJJJJ	NN7807629, "Functional Oriented Symbolic Macromodeling Algorithm", IBM Technical Disclosure Bulletin, Vol. 21, No. 2, July 1978, pp. 629-631.
	AKKKK	NN8006341, "Macro Physical-To-Logical Checking LSI Chip Design", IBM Technical Disclosure Bulletin, Vol. 23, No. 1, June 1980, pp. 341-345.
	ALLLL	NN9407481, "Functional Modeling using object Collaboration Diagram", IBM Technical Disclosure Bulletin, Vol. 37, No. 7, July 1994, pp. 481-486.
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	ANNNN	Su, Stephen, "An Interactive Design Automation System", <i>Proceedings of the 10th Design Automation Workshop on Design Automation</i> , pp. 253-261, June 1973.
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Examiner Signature 	Date Considered 9/18/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	